EXHIBIT A

COMPARISON OF THE PARTIES' PROPOSED CLAIM CONSTRUCTION

CATAIL.		
	• plurality of coordinates being included in a plurality of respective distinct blocks - more than one set of coordinates being described by the data contained in more than one data block.	a respective resolution level, said plurality of coordinates being included in a plurality of respective distinct blocks;
plurality of coordinates being included in a plurality of propositive distinct blocks each one of the plural sets of		terrain along with indication of
 receiving from the renderer - an object other than the renderer receiving [or receives] from the renderer. 	 receiving from the renderer - Appears in Claims 1 and 12; does not require construction. 	receiving from the renderer a plurality of coordinates in the
		comprising:
		at a plurality of different
		structure which includes blocks
		renderer, the data blocks belonging to a hierarchical
		dimensional terrain to a
		blocks describing three-
		3. A method of providing data
		resolution level.
		server not above the indicated
		existent resolution level on the
		block up to the maximal
		resolution level of the first
	. 1	immediately higher than the
resolution levels	proposed construction.	resolution levels, from the level
• succession of resolution levels - in order of increasing	• succession of resolution levels - does not have a	blocks from a succession of
		comprises downloading the
т юсал тетогу пот а зерагате сотринет	not require construction.	or more additional data blocks
	 downloading - appears in Claims 1 and 12; does 	2. A method according to claim

<u>Claim</u>	Skyline's Proposed Construction	Google's Proposed Construction
data block which includes data	12; does not require construction.	providing to the renderer
corresponding to at least some	•	
of the plurality of coordinates		
from a local memory;		
downloading from a remote	 downloading if the provided block from the 	 downloading if the provided block from the local
server one or more additional	local memory is not at the indicated resolution	memory is not at the indicated resolution level -
blocks which include data	level - Appears in Claims 1 and 12; does not require	downloading (i.e., requesting over a network and
corresponding to a plurality of	construction.	receiving in local memory from a separate computer)
respective distinct blocks if the		upon a determination of whether the first data block is not
provided block from the local		at the indicated resolution level.
memory is not at the indicated		
resolution level, wherein blocks		
of lower resolution levels are		
downloaded before blocks of		
higher resolution levels.		
7. A method of providing data		
blocks describing three-		
dimensional terrain to a		
renderer, the data blocks		
belonging to a hierarchical		
structure which includes blocks		
at a plurality of different		
resolution levels, the method		
comprising:	Additional to the control of the con	
receiving from the renderer one	 receiving from the renderer - Appears in Claims 	
or more coordinates in the	1 and 12; does not require construction.	
terrain along with indication of		
a respective resolution level;	The state of the s	
providing the renderer with a	 providing the renderer - Appears in Claims 1 and 	
first data block which includes	12; does not require construction.	
data corresponding to the one or		
more coordinates, from a local		
memory;	and Andrews (A)	
downloading from a remoter	downloading if the provided block from the	downloading if the provided block from the local
SELVET OTIC OF HIGHE AGGINGMAT	local memory is not at the markatea resolution	inclinary is that at the indicated resolution sever party

	the current viewpoint.		predeterringed distance range
sides (in all directions) out to a pre-established distance boundary around a point in the terrain that is seen from the current viewpoint.	distance range in one or more directions from either the viewpoint or a point in the terrain visible from	. w _	of the blocks surrounding a point in the terrain seen from the current viewpoint within a predetermined distance range
the terrain seen from the current viewpoint within a predetermined distance range - substantially all of the excess blocks describing three-dimensional terrain on all	range data	in ks	downloading the excess blocks comprises filling the local memory with substantially all
downloading - transferring over a network and receiving in local memory from a separate computer. Substantially all of the blocks surrounding a point in	downloading - appears in Claims 1 and 12; does not require construction.		 A method according to claim wherein the renderer renders a view from a current viewroint and wherein
Internet - a publicly available network capable of relaying information via Internet Protocol, either alone or in connection with one or more other protocols.	Internet - the publicly accessible world-wide network of that name, which is capable of relaying information via a TCP connection, but not including private networks even if they use internet protocols or have connections to the Internet.	he •	downloading the blocks via the Internet.
downloading - transferring over a network and receiving in local memory from a separate computer.	downloading - appears in Claims 1 and 12; does not require construction.	<u>aim</u> •	 A method according to claim wherein downloading the data blocks comprised
when not downloading blocks required by the renderer - during periods of time when the local computer is not downloading data blocks describing three-dimensional terrain in response to the one or more coordinates provided by the renderer.	when not downloading blocks required by the renderer - when not downloading data for displaying the scene corresponding to the current view.	ing er.	renderer to fill up the local memory when not downloading blocks required by the renderer.
downloading - transferring over a network and receiving in local memory from a separate computer.	downloading - appears in Claims 1 and 12; does not require construction.	•	downloading from a remote server excess blocks not currently needed by the
as Claim 3 above.	level - Appears in Claims 1 and 12; does not require construction.	I ta	data blocks which include data corresponding to the one or more coordinates if the provided block from the local memory is not at the indicated resolution level; and

Claim	Skyline's Proposed Construction	Google's Proposed Construction
local memory comprises filling		
the memory with substantially		
all the blocks within the range		
from a lower resolution level		
before downloading blocks of		
higher resolution levels.		
13. Apparatus for providing		
data blocks describing three-		
dimensional terrain to a render,		
the data blocks belonging to a		
hierarchical structure which		
different resolution levels the		
apparatus comprising:		
a local memory which stores		
data blocks corresponding to		
coordinates proximal to a		
current viewpoint of the		
renderer;		
a communication link, through		
which the memory receives the		
data blocks from a remote		
server;	- The state of the	en in automorphism in automorp
a processor which receives one	 receiv[es] from [a] renderer - Appears in 	• receiv[es] from [a] renderer - Same as Claim 3
or more specified coordinates	Claims 1 and 12; does not require construction.	above.
respective resolution level from	 provid(es) the renderer - Appears in Claims 1 	 providles the renderer - Same as Claim 3 above.
a renderer, provides the	and 12; does not require construction.	•
renderer with a first data block		
which includes data	 download[s] if the first block from the local 	 download[s] if the block is not at the indicated
corresponding to the one or	memory is not at the indicated resolution level -	resolution level - Same as Claim 3 above.
more specified coordinates	Appears in Claims 1 and 12; does not require	
from a local memory, and	construction.	
downloads over the		
communication link blocks		

		ANAMAN PROPERTY OF A PUBLICATION OF A PU	
		indicated resolution level - Appears in Claims 1	corresponding to the one or
resolution level - Same as Claim 3 above.		 download[s] if the block is not at the 	which includes data
download[s] if the block is not at the indicated	•	They should have a veglence a vession meanings.	renderer with a first data block
provid[es] the renderer - Same as Claim 3 above.	•	 provid[es] the renderer - Appears in Claims 1 and 12. does not require construction 	respective resolution level from a renderer, provides the
			along with indication of a
receiv[es] from [a] renderer - Same as Claim 3 above.	•	 receiv[es] from [a] renderer - Appears m Claims 1 and 12: does not require construction. 	or more specified coordinates
		A CONTRACTOR OF THE CONTRACTOR	server;
			data blocks from a remote
			which the memory receives the
			a communication link, through
			renderer;
			current viewpoint of the
			coordinates proximal to a
			data blocks corresponding to
			a local memory which stores
			apparatus comprising:
			different resolution levels, the
			includes blocks at a plurality of
			hierarchical structure which
			the data blocks belonging to a
			dimensional terrain to a render,
			data blocks describing three-
			14. Apparatus for providing
			level.
			block is not from the indicated
			more coordinates if the first
			corresponding to the one or
			which include data
			the indicated resolution level
			on the server that is not above
			resolution level of blocks stored
			first block up to a maximal
The state of the s			from the resolution level of the
Google's Lioposed Collan action		Skyllife's Froposed Construction	Call
Good of Decree of Good or of the Control of the Con			21.

<u>Claim</u>	Skyline's Proposed Construction	Google's Proposed Construction
more specified coordinates	and 12; does not require construction.	
from a local memory, and		
downloads over the		
communication link blocks		
which include data		
corresponding to the one or		
coordinates if the first block is		
not from the indicated level.		
16. Apparatus for providing		
data blocks describing three-		
dimensional terrain to a render,		
the data blocks belonging to a		
hierarchical structure which		
includes blocks at a plurality of		
different resolution levels, the		
apparatus comprising:	d to an administrative property of the contract of the contrac	
a local memory which stores		
data blocks corresponding to		
coordinates proximal to a		
current viewpoint of the		
renderer;		
a communication link, through		
which the memory receives the		
data blocks from a remote		
server;		
a processor which receives one	• receiv[es] from [a] render - Appears in Claims	• receiv[es] from [a] render - Same as Claim 3 above.
or more specified coordinates	1 and 12; does not require construction.	months of the mondance Company Claim 2 charge
respective resolution level from	 provid(es) the renderer - Appears in Claims 1 and 	TIOTIN POST THE A PRIMER PARTY OF CHILLIAN
a renderer, provides the	12: does not require construction.	 download[s] if the first block is not from the
renderer with a first data block	•	indicated level - Same as Claim 3 above.
which includes data	 download[s] if the first block is not from the 	
corresponding to the one or	indicated level - Appears in Claims 1 and 12; does	
more specified coordinates	not require construction.	
from a local memory, and	The second secon	

one or :ks er in which e provided one or the first e indicated oviding ng three- to a render, nging to a e which plurality of levels, the g: ch stores mding to ul to a f the eccives the emote emote sceives one ordinates n of a 1 level from the data block			• download[s] If the provided block from the local memory is not at the indicated resolution	corresponding to the one or
Skyline's Proposed Construction Skyline's Proposed Construction Freceive (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	indicated level - Same as Claim 3 above.	•	100000000000000000000000000000000000000	renderer with a first data block
Skyline's Proposed Construction	downloadiel if the first block is not from the	•	 provid[es] the renderer - Appears in Claims 1 and 12: does not require construction. 	a renderer, provides the
Skyline's Proposed Construction 1	provid[es] the renderer - Same as Claim 3 above.	•		along with indication of a
Skyline's Proposed Construction The second construction of the second con			Claims 1 and 12; does not require construction.	or more specified coordinates
Skyline's Proposed Construction (1)	receiv[es] from [a] render - Same as Claim 3 above.	•		a processor which receives one
Skyline's Proposed Construction				server;
Skyline's Proposed Construction				data blocks from a remote
Skyline's Proposed Construction ()				which the memory receives the
Skyline's Proposed Construction ch d et g of e				renderer;
Skyline's Proposed Construction ch d ch of e				current viewpoint of the
ch d er, a a a of e				coordinates proximal to a
Skyline's Proposed Construction ch d et, of ee,				data blocks corresponding to
ne or s in which rovided ne or e first ndicated riding three- a render, jing to a which urality of vels, the				a local memory which stores
Skyline's Proposed Construction				apparatus comprising:
Skyline's Proposed Construction				different resolution levels, the
Skyline's Proposed Construction				includes blocks at a plurality of
Skyline's Proposed Construction				hierarchical structure which
Skyline's Proposed Construction				the data blocks belonging to a
ch d				dimensional terrain to a render,
Skyline's Proposed Construction				data blocks describing three-
Skyline's Proposed Construction				18. Apparatus for providing
Skyline's Proposed Construction				level.
Skyline's Proposed Construction ich ed				block is not from the indicated
Skyline's Proposed Construction Skyline's Proposed Construction Skyline's Proposed Construction Skyline's Proposed Construction				more coordinates if the first
Skyline's Proposed Construction Skyline's Proposed Construction K one or ocks der in which re provided				corresponding to the one or
Skyline's Proposed Construction				which include data
Skyline's Proposed Construction				the coordinates were provided
Skyline's Proposed Construction te or				according to the order in which
Skyline's Proposed Construction				more additional blocks
Skyline's Proposed Construction				communication link one or
Skyline's Proposed Construction				downloads over the
	Google's Proposed Construction		Skyline's Proposed Construction	<u>Claim</u>

			communication link comprises
Internet - same as Claim 8 above.	18 above.	Internet - same as Claim 8 above.	claim 18, wherein the
			resolution levels.
			a lower level before
			substantially all the blocks from
		٠	fills the local memory with
in local memory from a separate computer.		not require construction.	claim 19, wherein the processor
 downloading - transferring over a network and receiving 	n Claims 1 and 12; does	• downloading - appears in Claims 1 and 12; does	21. Apparatus according to
			range.
			viewpoint in a predetermined
			terrain seen from the current
			surrounding a point in the
			substantially all the blocks
			fills the local memory with
			viewpoint and the processor
predetermined range - Same as Claim 9 above.	a predetermined range - Same as Claim 9 above.	a predetermined range	renders a view from a current
terrain seen from the current viewpoint in a	in the terrain seen from the current viewpoint in	in the terrain seen from	claim 18, wherein the renderer
substantially all the blocks surrounding a point in the	substantially all the blocks surrounding a point •	 substantially all the blo 	Apparatus according to
			required by the renderer.
			not downloading blocks
			memory when the processor is
			renderer to fill up the local
renderer - Same as Claim 7 above.	m 7 above.	renderer - Same as Claim 7 above.	currently needed by the
 when not downloading blocks required by the 	when not downloading blocks required by the	when not downloadi	downloads excess blocks not
			and
			not from the indicated level;
			coordinates if the first block is
			corresponding to the one or
			which include data
			communication link blocks
			downloads over the
			from a local memory,
	above.	level - Same as Claim 3 above	more specified coordinates
Google's Proposed Construction	d Construction	Skyline's Proposed Construction	<u>Claim</u>

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